

Nalco Docket No. 7502 CO2
Customer No. 49459

LISTING OF CLAIMS

Claims 1 to 56 (cancelled)

Claim 57 (New): A composition including a reaction product of one or more trivalent metal salts other than chromium salts, an acid phosphorous compound, and an aluminum hydroxy chloride compound, said composition comprising:

- a) a ferric chloride solution being from 38 wt. % to 42 wt. % active ferric chloride;
- b) a phosphorous or phosphoric acid, flake or solution, to provide an appropriate molar quantity of phosphate or phosphite;
- c) an aluminum chlorohydrate solution being 48 wt. % to 52 wt. % in water; and
- d) an effective amount of epichlorohydrin-dimethylacrylate polymer and/or an effective amount of polydimethyl diallyl ammonium chloride polymer.

Claim 58 (New): A process for producing the composition of Claim 57, the process comprising:

- a) combining a ferric chloride solution being from 38 wt. % to 42 wt. % active ferric chloride, a phosphorous or phosphoric acid, flake or solution, in an amount to provide an appropriate molar quantity of phosphate or phosphite, an aluminum chlorohydrate solution being 48 wt. % to 52 wt. % in water, and an effective amount of polydimethyl diallyl ammonium chloride polymer;
- b) if phosphorous acid is used, either diluting the ferric chloride solution by about 10 to 40% by volume prior to combining with said phosphorous acid, said aluminum chlorohydrate, and said polydimethyl diallyl ammonium chloride polymer; or diluting the combination of said ferric chloride solution, said phosphorous acid, and said aluminum chlorohydrate by about 10 to 40% by volume prior to adding said polydimethyl diallyl ammonium chloride polymer; and
- c) if phosphoric acid is used, increasing said dilution to about 10 to 80% by volume.